

## ABSTRACT

This thermistor is provided with a third electrode placed so that it is not in contact with either the first or second electrode, and with a heating part integrally formed  
5 with the same material as the variable resistance part and in contact with the third electrode, the heating part changing the resistance value of the variable resistance part by generating heat when current passes between the third electrode and either of the first or second electrode.

[Explanation of the Legends]

1, 2 – electrode (first and second electrodes)

5 3 – variable resistance part

4 – electrode (third electrode)

5 – heating part

6 – conductive polymer